

# APPENDIX C

## GLOSSARY

- AAC ..... Advanced AERA Concepts  
AAP ..... Advanced Automation, FAA  
AAS ..... Advanced Automation System  
ACARS ..... ARINC Communications Addressing and Reporting System  
ACCC ..... Area Control Computer Complex  
ACD ..... Engineering, Research and Development Service, FAA  
ACE ..... Airport Capacity Enhancement  
ALT ..... Airspace Liaison Team  
ACF ..... Area Control Facility  
ADR ..... Automated Demand Resolution  
ADS ..... Automatic Dependent Surveillance  
ADSIM ..... Airfield Delay Simulation Model  
AEP ..... Arrival Enhancement Procedure  
AERA ..... Automated En Route Air Traffic Control  
AEX ..... Automated Execution  
AF ..... Airway Facilities  
AFB ..... Air Force Base  
AFSS ..... Automated Flight Service Stations  
AGFS ..... Aviation Gridded Forecast System  
AGL ..... Above Ground Level  
AIP ..... Airport Improvement Program  
AIRNET ..... Airport Network Simulation Model  
AIV ..... Aviation Impact Variable  
ALP ..... Airport Layout Plan  
ALS ..... Approach Lighting System  
ALSF-II ..... Approach Light System with Sequenced Flashers and CAT II Modification  
AMASS ..... Airport Movement Area Safety System  
AMSS ..... Aeronaautical Mobile Satellite Service  
ANA ..... Program Director for Automation, FAA  
AND ..... Associate Administrator for NAS Development, FAA  
ANG ..... Air National Guard  
ANN ..... Program Director for Navigation and Landing, FAA  
ANR ..... Program Director for Surveillance, FAA  
ANS ..... NAS Transition Implementation Service, FAA  
ANW ..... Program Director for Weather and Flight Service Stations, FAA  
AOC ..... Aeronautical Operational Control  
AOCNET ..... Airline Operations Center Network  
AOR ..... Operations Research Service, FAA  
APO ..... Office of Aviation Policy and Plans, FAA  
APP ..... Office of Airport Planning and Programming, FAA  
ARD ..... Research and Development Service, FAA

ARF	Airport Reservation Function
ARINC	Aeronautical Radio Incorporated
ARSA	Airport Radar Surface Area
ARTCC	Air Route Traffic Control Center
ARTS	Automated Radar Terminal System
ASC	Office of System Capacity and Requirements, FAA
ASCP	Aviation System Capacity Plan
ASD	Aircraft Situation Display
ASDE	Airport Surface Detection Equipment
ASE	NAS System Engineering Service, FAA
ASOS	Automated Surface Observation System
ASP	Arrival Sequencing Program
AST	Associate Administrator for Commercial Space Transportation
ASQP	Airline Service Quality Performance
ASR	Airport Surveillance Radar
ASTA	Airport Surface Traffic Automation
ATA	Air Transport Association
ATC	Air Traffic Control
ATCAA	Air Traffic Control Assigned Airspace
ATCSCC	Air Traffic Control System Command Center
ATCT	Air Traffic Control Tower
ATIS	Automated Terminal Information Service
ATMS	Advanced Traffic Management System
ATN	Aeronautical Telecommunications Network
ATO	Air Traffic Operations Service, FAA
ATOMS	Air Traffic Operations Management System
AWDL	Aviation Weather Development Laboratory
AWOS	Automated Weather Observing System
AWPG	Aviation Weather Products Generator
BRAC	Base Realignment Closure Program
CAA	Civil Aviation Authority
CAEG	Computer Aided Engineering Graphics
CAEP	Committee on Aviation Environmental Protection
CARF	Central Altitude Reservation Function
CASA	Controller Automated Spacing Aid
CASTWG	Converging Approach Standards Technical Working Group
CAT	Category
CDTI	Cockpit Display of Traffic Information
CDM	Collaborative Decision Making
CFWSU	Central Flow Weather Service Unit
CIP	Capital Investment Plan
CIS	Cockpit Information System
CNS	Communication, Navigation, and Surveillance

CODAS ..... Consolidated Operations and Delay Analysis System  
CONDAT ..... CONUS National Airspace Data Access Tool  
CONUS ..... Continental United States  
CPDLC ..... Controller to Pilot Data Link Communications  
CRDA ..... Converging Runway Display Aid  
CRS ..... Computer Reservation System  
CSD ..... Critical Sector Detector  
CTAP ..... Chicago Terminal Airspace Project  
CTAS ..... Center-TRACON Automation System  
CTMA ..... Center Traffic Management Advisor  
CTR ..... Civil Tilt Rotor  
CVFP ..... Charted Visual Flight Procedures  
CW ..... Continous Wave  
CWSU ..... Center Weather Service Unit  
CY ..... Calendar Year  
DA ..... Descent Advisor  
DATIS ..... Digital Automated Terminal Information Service  
DDAS ..... Daily Decision Analysis System  
DEMVAL ..... Demonstration/Validation  
DGPS ..... Differential GPS  
DH ..... Decision Height  
DLP ..... Data Link Processor  
DME ..... Distance Measuring Equipment  
DME/P ..... Precision Distance Measuring Equipment  
DOD ..... Department of Defense  
DOT ..... Department of Transportation  
DOTS ..... Dynamic Ocean Tracking System  
DSB ..... Double Sideband  
DSP ..... Departure Sequencing Program  
DSR ..... Display System Replacement  
DSUA ..... Dynamic Special-Use Airspace  
DUATS ..... Direct User Access Terminal Service  
DVOR ..... Doppler VOR  
EA ..... Environmental Assessment  
ECVFP ..... Expanded Charted Visual Flight Procedures  
EDP ..... Expedite Departure Path  
EDPRT ..... Expert Diagnostic, Predictive, and Resolution Tool  
EFF ..... Experimental Forecast Facility  
EIS ..... Environmental Impact Statement  
EOF ..... Emergency Operations Facility  
EPA ..... Environmental Protection Agency  
ESP ..... En Route Spacing Program  
ETMS ..... Enhanced Traffic Management System  
EVAS ..... Enhanced Vortex Advisory System

F&E .....	Facilities and Equipment
FAA .....	Federal Aviation Administration
FAATC .....	Federal Aviation Administration Technical Center
FADE .....	FAA-Airline Data Exchange
FAF .....	Final Approach Fix
FANS .....	Future Air Navigation System
FAST .....	Final Approach Spacing Tool
FBO .....	Fixed Base Operator
FDAD .....	Full Digital arts Display
FFP1 .....	Free Flight Phase 1
FIS .....	Flight Information Services
FL .....	Flight Level
FLOWALTS .....	Flow Generation Function
FLowsim .....	Traffic Flow Planning Simulation
FMA .....	Final Monitor Aid
FMS .....	Flight Management System
FSD .....	Full-Scale Development
FSM .....	Flight Schedule Monitor
FSS .....	Flight Service Station
FT .....	Feet
FTMI .....	Flight Operations and Air Traffic Management Integration
FY .....	Fiscal Year
GA .....	General Aviation
GAO .....	General Accounting Office
GDP .....	Gross Domestic Product
GDP .....	Ground Delay Program
GLONASS .....	Global Orbiting Navigational Satellite System
GNSS .....	Global Navigation Satellite System
GPS .....	Global Positioning System
GRADE .....	Graphical Airspace Design Environment
HARS .....	High Altitude Route System
HIRL .....	High Intensity Runway Lights
HUD .....	Heads-Up Display
HF .....	High Frequency
HFDL .....	High Frequency Data Link
ICAO .....	International Civil Aviation Organization
ICP .....	Initial Conflict Probe
IFCN .....	Inter-Facility Flow Control Network
IFR .....	Instrument Flight Rules
I-LAB .....	Integration and Interaction Laboratory
ILS .....	Instrument Landing System
IMC .....	Instrument Meteorological Conditions
INMARSAT .....	International Maritime Satellite
IOC .....	Initial Operational Capability

ISSS ..... Initial Sector Suite System  
ITS ..... Intelligent Tutoring System  
ITWS ..... Integrated Terminal Weather System  
LAAS ..... Local Area Augmentation System  
LDA ..... Localizer Directional Aid  
LIP ..... Limited Implementation Program  
LLWAS ..... Low Level Wind Shear Alert System  
LORAN ..... Long Range Navigation  
MA ..... Monitor Alert  
MALSR ..... Medium Intensity Approach Lighting System with Rail  
MAMS ..... Military Airspace Management System  
MAP ..... Military Airport Program  
MAP ..... Missed Approach Point  
MASPS ..... Minimum Aviation System Performance Standards  
MCAS ..... Marine Corps Air Station  
MCF ..... Metroplex Control Facility  
MDCRS ..... Meteorological Data Collection and Reporting System  
MIT ..... Miles In Trail  
MLS ..... Microwave Landing System  
MNPS ..... Minimum Navigation Performance Specifications  
MOA ..... Military Operations Area  
MOPS ..... Minimum Operations Performance Standards  
MRAD ..... Milli-Radian  
MWP ..... Meteorologist Weather Processor  
NAS ..... Naval Air Station  
NAS ..... National Airspace System  
NASA ..... National Aeronautics and Space Administration  
NASP ..... NAS Plan  
NASPAC ..... NAS Performance Analysis Capability  
NASPALS ..... NAS Precision Approach and Landing System  
NASSIM ..... NAS Simulation Model  
NATSPG ..... North Atlantic Special Planning Group  
NAVAID ..... Navigational Aid  
NCARC ..... National Civil Aviation Review Commission  
NCF ..... National Control Facility  
NCT ..... Northern California TRACON  
NCP ..... NAS Change Proposal  
NEPA ..... National Environmental Policy Act  
NEXCOM ..... Next Generation Air/Ground Communication  
NEXRAD ..... Next Generation Weather Radar  
NFDC ..... National Flight Data Center  
NLA ..... New Large Aircraft  
NMC ..... National Meteorological Center  
NMCC ..... National Maintenance Coordination Complex

NM .....	Nautical Mile
NOAA .....	National Oceanic and Atmospheric Administration
NOX .....	Oxides of Nitrogen
NPIAS .....	National Plan of Integrated Airport Systems
NRP .....	National Route Program
NSC .....	National Simulation Capability
NTP .....	National Transportation Policy
NTZ.....	No Transgression Zone
NWS .....	National Weather Service
OAG .....	Official Airline Guide
ODALS .....	Omni-Directional Approach Lighting System
ODAPS .....	Oceanic Display and Planning System
ODF.....	Oceanic Development Facility
ODL .....	Oceanic Data Link
OMB.....	Office of Management and Budget
OPTIFLOW .....	Optimized Flow Planning
ORD .....	Operational Readiness Date
ORD .....	Operational Readiness Demonstration
OST .....	Office of the Secretary of Transportation
OTFP .....	Operational Traffic Flow Planning
OTPS .....	Oceanic Traffic Planning System
PADS .....	Planned Arrival and Departure System
PAPI .....	Precision Approach Path Indicator
PCA.....	Positive Control Airspace
PDC .....	Pre-Departure Clearance
pFAST .....	Passive Final Approach Spacing Tool
PFC .....	Passenger Facility Charge
PRM .....	Precision Runway Monitor
R&D .....	Research and Development
RE&D .....	Research, Engineering, and Development
RAIL .....	Runway Alignment Indicator Lights
RDSIM .....	Runway Delay Simulation Model
REIL .....	Runway End Identifier Lights
RFP .....	Request for Proposal
RGCSP .....	Review of General Concepts of Separation Panel
RHSM .....	Reduced Horizontal Separation Minima
RLV .....	Reusable Launch Vehicle
RMM .....	Remote Maintenance Monitoring
RMP .....	Rotorcraft Master Plan
RNAV .....	Remote Area Navigation
RNP .....	Required Navigation Performance
RNPC .....	Required Navigation Performance Capability
ROT .....	Runway Occupancy Time
RSLS .....	Runway Status Light System

- RVR ..... Runway Visual Range  
RVSM ..... Reduced Vertical Separation Minima  
SAMS ..... Special Use Airspace Management System  
SAR ..... System Analysis Recording  
SARPS ..... Standards and Recommended Practices  
SATCOM ..... Satellite Communications  
SATS ..... Small Aircraft Transportation System  
SCIA ..... Simultaneous Converging Instrument Approaches  
SCT ..... Southern California TRACON  
SDAT ..... Sector Design Analysis Tool  
SDRS ..... Standardized Delay Reporting System  
SE ..... Strategy Evaluation  
SID ..... Standard Instrument Departure  
SIMMOD ..... Airport and Airspace Simulation Model  
SM ..... Statute Mile  
SMA ..... Surface Movement Advisor  
SMARTFLOW .... Knowledge-Based Flow Planning  
SMGC ..... Surface Movement Guidance and Control  
SMS ..... Simulation Modeling System  
SOIA ..... Simultaneous Offset Instrument Approaches  
SOIR ..... Simultaneous Operations on Intersecting Runways  
SOIWR ..... Simultaneous Operations on Intersecting Wet Runways  
STAR ..... Standard Terminal Arrival Route  
STARS ..... Standard Terminal Automation Replacement System  
SUA ..... Special Use Airspace  
TACAN ..... Tactical Air Navigation  
TAP ..... Terminal Area Productivity  
TASS ..... Terminal Area Surveillance System  
TATCA ..... Terminal ATC Automation  
TAVT ..... Terminal Airspace Visualization Tool  
TCA ..... Terminal Control Area  
TCAS ..... Traffic Alert and Collision Avoidance System  
TCCC ..... Tower Control Computer Complex  
TDLS ..... Tower Data Link System  
TDP ..... Technical Data Package  
TDWR ..... Terminal Doppler Weather Radar  
TERPS ..... Terminal Instrument Procedures  
TFM ..... Traffic Flow Management  
TIBS ..... Telephone Information Briefing System  
TIDS ..... Tower Integrated Display System  
TIS ..... Traffic Information System  
TMA ..... Traffic Management Advisor  
TMCC ..... Traffic Management Computer Complex  
TMS ..... Traffic Management System

TMU ..... Traffic Management Unit  
T-NASA ..... Text Navigation and Situation Awareness  
TRACON ..... Terminal Radar Approach Control  
TSC ..... Volpe Transportation Systems Center  
TSO ..... Technical Standard Order  
TTMA ..... TRACON Traffic Management Advisor  
TVOR ..... Terminal vor  
TWDR ..... Terminal Weather Doppler Radar  
TWIP ..... Terminal Weather Information for Pilots  
UHF ..... Omnidirectional Course and Distance Information  
UPT ..... User Preferred Trajectory  
USWRP ..... U.S. Weather Research Program  
VASI ..... Visual Approach Slope Indicators  
VDL ..... VHF Digital Link  
VF ..... Vertical Flight  
VFR ..... Visual Flight Rules  
VHF ..... Very High Frequency  
VMC ..... Visual Meteorological Conditions  
VOR ..... VHF Omnidirectional Range - course information only  
VORTAC ..... Combined vor and TACAN Navigational Facility  
VOT ..... VOR Test  
WAAS ..... Wide Area Augmentation System  
WARP ..... Weather and Radar Processor